

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:     Howard W. Robinson, Wayne A. Shamblin,  
                                     Bruce L. Hart and John A. Ruvang

Entitled:     EXCAVATING TOOTH ASSEMBLY WITH ROTATABLE  
                                     CONNECTOR PIN STRUCTURE

Filed: Herewith

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Concurrently with the filing of the above-identified application, and as listed on the accompanying form PTO-1449, the applicants submit herewith copies of the following U.S. patents and other documents of which they are aware, which they believe may be material to patentability, and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

**U.S. PATENT DOCUMENTS**

4,067,657	5,435,084	5,913,605	5,987,787
5,937,550	5,992,063	6,119,378	2001/001352
2,904,909	3,740,876	4,919,566	5,702,112
3,406,471	3,997,989	4,096,653	4,918,843
5,765,301	5,956,874	6,053,655	
6,079,132	6,092,958	6,393,739	

**FOREIGN PATENT DOCUMENTS**

EP 1 096 073 A1

WO 02/04750A1

**FOREIGN DOCUMENTS**

International Search Report Application No.: PCT/US02/14713

EPO Patent Abstracts of Japan, Publication No. 10252106

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The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Further, the filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

Written notification that the enclosed documents have been considered in their entirety by return of a copy of the enclosed form, completed by the Examiner, is respectfully requested.

Respectfully submitted,

KONNEKER & SMITH, P.C.



J. Richard Konneker  
Attorney for Applicants  
Registration No. 28,867

Dated: NOVEMBER 24, 2003

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972/516-0030

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Date of Deposit November 25, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DIANE SUTTON

Type or Print Name

Diane Sutton

FORM PTO-1449 (Modified) <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					ATTY. DOCKET NO. <u>HENS-0125CIP1</u>		SERIAL NO. <u>UNASSIGNED</u>	
					APPLICANTS: <u>HOWARD W. ROBINSON et al</u>			
					FILING DATE <u>HEREWITH</u>		GROUP <u>UNASSIGNED</u>	
U. S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if relevant)	
	AA	4,067,657	1/1978	KAARLELA	403	317		
	AB	5,435,084	7/1995	IMMEL	37	398		
	AC	5,913,605	6/1999	JUSSELIH et al	37	451		
	AD	5,987,787	11/1999	MACK	37	456		
	AE	5,937,550	8/1999	EMRICH	37	458		
	AF	5,992,063	11/1999	MACK	37	450		
	AG	6,119,378	9/2000	PIPPINS	37	454		
	AH	2001/001352	5/2001	FERNANDO MONOZ et al	37	455	1/2001	
	AI	2,904,909	9/1959	RATKOWSKI	37	142		
	AJ	3,740,876	6/1973	SOLOKHIN et al	37	142a		
	AK	4,919,566	4/1990	CARON et al	404	121		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	EP1096073A1	5/2001	EPO				
	AM	WD 02/0475DA	1/2002	PCT				
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	INTERNATIONAL SEARCH REPORT : PCT/US02/14713						
	AS	EPO PATENT ABSTRACTS OF JAPAN, PUB. NO 10252106						
	AT							
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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U. S. PATENT DOCUMENTS								
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if relevant)		
	AA	6,092,958	7/2000	GALE	403	318		
	AB	3,406,471	10/1968	DUPLESSIS	37	142		
	AC	3,997,989	12/1976	STEPE	37	142A		
	AD	4,096,653	6/1978	KARLELA et al	37	142A		
	AE	4,918,843	4/1990	KIESEWETTER	37	142A		
	AF	5,765,301	6/1998	CLENDENNING	37	457		
	AG	5,956,874	9/1999	IANELD et al	37	456		
	AH	6,393,739	5/2002	SHAMBLIN et al	37	456		
	AI	6,053,655	4/2000	MAZHAR	403	320		
	AJ	6,079,132	6/2000	CLENDENNING	37	457		
	AK	5,702,112	12/1997	BRANNSTROM	279	19		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
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